

S. Oronogo-Duenweg
 ID # MOD980686281
 1-3
 D.H.
 2-6-89

FEB 06 1989

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr Ben Summers
RR #1
Joplin, Missouri 64801

40113989



SUPERFUND RECORDS

Dear Mr Summers

Enclosed are copies of the analytical data, data qualification codes sheet, and field sheets for the water sample collected from your well on February 22, 1988, by Ecology and Environment, a contractor for the U S Environmental Protection Agency (EPA). The sample was collected as a follow up for the investigation named Oronogo-Duenweg Mining Belt (ID No MOD980686281), formerly known as the Tri-State Mining District Investigation. This information is forwarded to you in accordance with the provisions of federal law.

As Greg Reesor of the EPA relayed to you in a phone conversation on January 20, 1989, the results show that the level of cadmium detected continues to exceed EPA's Primary Drinking Water Standard. Cadmium was found in the sample at 39 micrograms per liter (ug/l). The Primary Drinking Water Standard is 10 ug/l. Based on this and previous sampling results, we recommend that you find an alternative drinking water supply. In this regard, the water softener you have recently purchased may alleviate the cadmium problem.

Sodium was found in the sample at 25 milligrams per liter which is roughly 25 parts per million. This exceeds the Agency for Toxic Substances and Disease Registry's (ATSDR's) recommended level of 20 parts per million for consumers on a sodium restricted diet. Since it is likely that your water softener will increase the sodium level, anyone on a sodium restricted diet should consult a physician regarding further use of this water.

WSTM	SPFD	PREP	GREESOR	1/30/89	Reesor's Disk	#1	ORONOGO	WS4
PREP	REMD	ATSDR	PREP	REMD	DRNK	SPFD		
REESOR	FUERST	PARKER	HERNDON	WRIGHT	LANGEMEIER	MORBY		

Sgr 1/30/89
 F-135 1-31-89
 Parker 1-31-89
 K.H. 1-31-89
 Wright 2/1/89
 Langemeier 2/3/89
 Morby 2/3/89

Since the EPA has no jurisdiction over private water supplies, we suggest you contact Daryl Roberts of the Missouri Department of Health at the following address if you have questions about your well water

Mr Daryl Roberts
Chief, Bureau of Environmental Epidemiology
Missouri Department of Health
Box 570
Jefferson City, Missouri 65102
Phone (314) 751-6102

If you have further questions about the analytical results enclosed in this letter, you can call Alice Fuerst of my staff at (913) 236-2856

Sincerely yours,

Robert L Morby
Chief, Superfund Branch
Waste Management Division

Enclosures

cc John Madras, MDNR (w/enclosures) ✓
Daryl Roberts, MDOH (w/enclosures) ✓
William Gory, Jasper County Health Dept (w/enclosures) ✓
bcc Ralph Langemeier, DRNK (w/enclosures) ✓

ANALYSIS TYPE TOTAL METALS

TITLE MISC MATFID WATER UNITS UC 1
 LND E-H REGION III METHOD 2001077 2823 CHSE
 SAMPLE REF GLM ANALYST/ENTRY GLM REVIEWER DATE 02 23/83
 GLM DATA FILE GLM

TC930001

SILVER	UG/L	10 00
ALUMINIUM	UG/L	50 00
ARSENIC	UG/L	5 00
BARIUM	UG/L	14 0
BERYLLIUM	UG/L	2 00
CADMIUM	UG/L	30 0
COBALT	UG/L	10 00
CHROMIUM	UG/L	10 00
COPPER	UG/L	50 0
IRON	UG/L	64 0
MANGANESE	UG/L	74 0
MOLYBDENUM	UG/L	10 00
NICKEL	UG/L	37 0
LEAD	UG/L	5 00
ANTIMONY	UG/L	50 00
SELENIUM	UG/L	5 00
TITANIUM	UG/L	50 00
THALLIUM	UG/L	300 00
VANADIUM	UG/L	10 00
ZINC	UG/L	9100 0
CALCIUM	MG/L	300 0
MAGNESIUM	MG/L	11 0
SODIUM	MG/L	25 0
POTASSIUM	MG/L	2 00

EPA Region VII

Data Qualification Codes

- U - The material was analyzed for, but was not detected The associated numerical value is the sample quantitation limit
- M - Compound was qualitatively identified however quantitative value is less than contract required quantitation limits (CLP data), or value is less than limit of quantitation (EPA data)
- J - The associated numerical value is an estimated quantity
- I - The data are invalid (compound may or may not be present) Resampling and/or reanalysis is necessary for verification
- O - Sample lost or not analyzed
- L - Value known to be higher than value reported
- N - Presumptive evidence of presence of material
- NA - Sample was not analyzed for this compound
- NJ - Presumptive evidence of the presence of the material at an estimated quantity
- UJ - The material was analyzed for, but was not detected The sample quantitation limit is an estimated quantity

Codes for Flash Point Data

- L - The sample did not ignite or "flash " This is the highest temperature at which the sample was tested It is possible that the material may be ignitable at higher temperatures
- K - The sample did ignite or "flash" at the lowest temperature tested This is usually the ambient temperature at the time of the test It is possible that the material may be ignitable at even lower temperatures

FIELD SHEET
U S ENVIRONMENTAL PROTECTION AGENCY REGION VII
ENVIRONMENTAL SERVICES DIV 25 FUNSTON RD KANSAS CITY KS 64115

Site Name TRI-STATE MINING
Location JASPER COUNTY MO

Site Number
Site Code

Collected YR 80 MO 02 Day 22 Time 1130 Leader S VAUGHN

Sample Number T0936001

SMD #

Sample Media (circle one)

SOIL DUST, RINSATE SEDIMENT WATER OTHER

Sample Split (circle one) YES

NO

Sample Container	Tap Color	Preservative	Analysis Requested
1 L CUBI	WHITE	HNO3/ICE	TOTAL METALS

Depth 230' Pan # Alignment

Samplers L Steven Vaughn
Bob Overfelt

COMMENTS OF FIELD PERSONNEL

Site Description Ben Summers Well
RR#1 Joplin MO
(417) 623-7955
230 deep 40' cased

P 716 380 780
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr Ben Summers	
Street and No	
City, State and Zip Code Joplin, Missouri 64801	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$

Postmark or Date

PS Form 3800 June 1985

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 - 2 If you do not want this receipt postmarked stick the gummed stub to the right of the return address of the article date detach and retain the receipt and mail the article
 - 3 If you want a return receipt write the certified mail number and your name and address on a return receipt card Form 3811 and attach it to the front of the article by means of the gummed ends if space permits Otherwise affix to back of article Endorse front of article **RETURN RECEIPT REQUESTED** adjacent to the number
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☆ **U S G P O 1987 176-131**

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TO

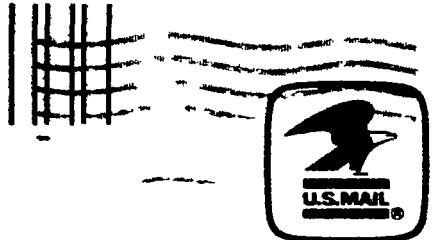


Print Sender's name address and ZIP Code in the space below

Environmental Protection Agency
1500, LSE
Minnesota Avenue
Kansas City, Kansas 66101

rtm ~~G. Reesor~~

A Fuerst



PENALTY FOR PRIVATE
USE, \$300

● **SENDER** Complete items 1 and 2 when additional services are desired and complete items 3 and 4

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1 ☒ Show to whom delivered date and addressee's address 2 ☐ Restricted Delivery
↑(Extra charge)↑ ↑(Extra charge)↑

3 Article Addressed to

Mr Ben Summers

RR #1

Joplin, Missouri 64801

4 Article Number

P 716 385 780

Type of Service

☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED**

5 Signature — Addressee

X DONNY SUMMERS

6 Signature — Agent

X

7 Date of Delivery

2-9-89

8 Addressee's Address (ONLY if requested and fee paid)